



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 8

Test Date: March 2009  
Code: 12471699  
SAU: MSAD 53  
School: Warsaw Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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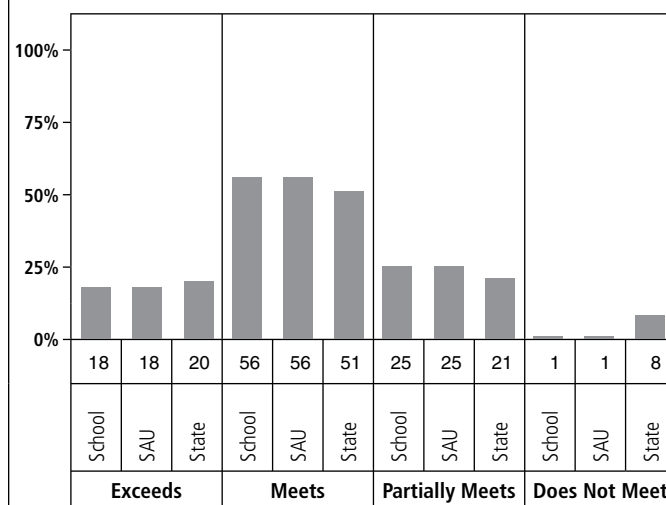
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 8  
SAU: MSAD 53  
School: Warsaw Middle School

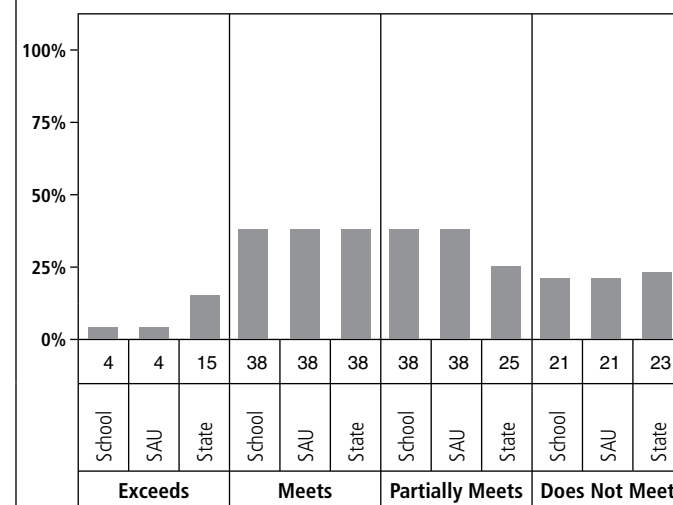
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b> 2006–2007 2007–2008 <b>2008–2009</b> Cum. Avg.*	844 847 <b>850</b> 847	844 847 <b>850</b> 847	847 849 <b>850</b> 849
<b>Mathematics</b> 2006–2007 2007–2008 <b>2008–2009</b> Cum. Avg.*	836 837 <b>839</b> 837	835 837 <b>839</b> 837	842 841 <b>843</b> 842
<b>Science</b> 2008–2009**	<b>844</b>	<b>844</b>	<b>846</b>

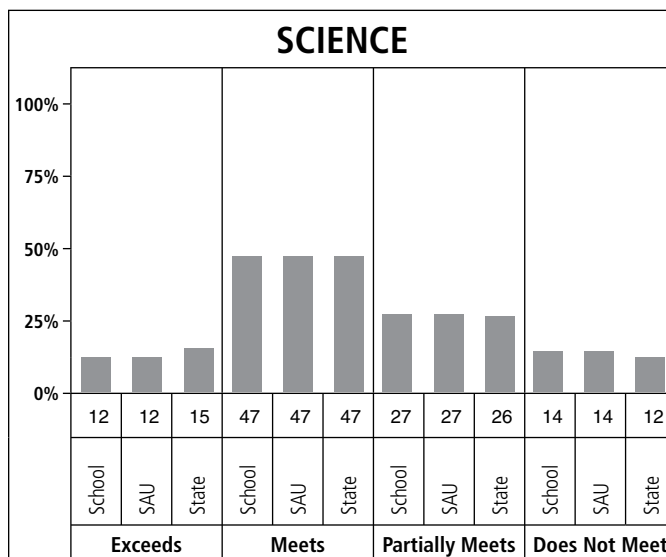
### ELA – READING



### MATHEMATICS



### SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\* Because science standards were reset in May 2009, no historical data are available

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
 Grade: 8  
 SAU: MSAD 53  
 School: Warsaw Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
							School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	79	100	80	100	14804	100	79	100	79	100	14659	99	79	100	79	100	14653	99	79	100	79	100	14626	99
<b>Ethnicity</b> African American/Black	0	0	0	0	377	3	0	0	0	0	366	97	0	0	0	0	371	98	0	0	0	0	367	97
American Indian or Native Alaskan	2	3	3	4	119	1	2	100	2	100	117	99	2	100	2	100	115	97	2	100	2	100	116	98
Asian or Pacific Islander	0	0	0	0	238	2	0	0	0	0	232	97	0	0	0	0	234	98	0	0	0	0	234	98
Hispanic	0	0	0	0	192	1	0	0	0	0	188	98	0	0	0	0	191	100	0	0	0	0	190	99
Caucasian/White	77	97	77	96	13878	94	77	100	77	100	13756	99	77	100	77	100	13742	99	77	100	77	100	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	14	18	15	19	2489	17	14	100	14	100	2434	99	14	100	14	100	2424	98	14	100	14	100	2418	98
<b>Current LEP</b>	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
<b>Economically disadvantaged</b>	41	52	42	53	5460	37	41	100	41	100	5380	99	41	100	41	100	5377	99	41	100	41	100	5359	98
<b>Migrant</b>	1	1	1	1	6	0	1	100	1	100	6	100	1	100	1	100	6	100	1	100	1	100	6	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	66	84	66	83	12132	82	66	84	66	83	12124	82	66	84	66	83	12169	82
Identified disability (PET/IEP)	1	2	1	2	379	3	1	2	1	2	380	3	1	2	1	2	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
<b>Participation with accommodations</b>	11	14	11	14	2349	16	11	14	11	14	2347	16	11	14	11	14	2288	15
Identified disability (PET/IEP)	11	100	11	100	1877	80	11	100	11	100	1862	79	11	100	11	100	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	0	0	0	0	292	12	0	0	0	0	297	13	0	0	0	0	280	12
<b>Participation through alternate assessment (PAAP)</b>	2	3	2	3	178	1	2	3	2	3	182	1	2	3	2	3	169	1
Identified disability (PET/IEP)	2	100	2	100	178	100	2	100	2	100	182	100	2	100	2	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	1	1	32	0	0	0	1	1	34	0	0	0	1	1	38	0
<b>Non-participation – other</b>	0	0	0	0	113	1	0	0	0	0	117	1	0	0	0	0	140	1

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 53  
School: Warsaw Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	10	11	10	11	2407	16
	2007-2008	12	15	12	15	3428	23
	<b>2008-2009</b>	<b>14</b>	<b>18</b>	<b>14</b>	<b>18</b>	<b>2857</b>	<b>20</b>
	Cum. Total*	36	15	36	15	8692	19
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	40	46	40	45	7494	49
	2007-2008	39	49	39	49	7179	48
	<b>2008-2009</b>	<b>43</b>	<b>56</b>	<b>43</b>	<b>56</b>	<b>7431</b>	<b>51</b>
	Cum. Total*	122	50	122	50	22104	49
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	24	28	25	28	3628	24
	2007-2008	21	26	21	26	2706	18
	<b>2008-2009</b>	<b>19</b>	<b>25</b>	<b>19</b>	<b>25</b>	<b>2979</b>	<b>21</b>
	Cum. Total*	64	26	65	26	9313	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	13	15	14	16	1810	12
	2007-2008	8	10	8	10	1611	11
	<b>2008-2009</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1214</b>	<b>8</b>
	Cum. Total*	22	9	23	9	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	36.0	64.3	36.0	64.3	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	12.4	62.0	12.4	62.0	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	23.6	65.6	23.6	65.6	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: MSAD 53  
 School: Warsaw Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	77	14	18	43	56	19	25	1	1	850	77	18	56	25	1	850	14481	20	51	21	8	850
<b>Ethnicity</b>																						
African American/Black	0										0						362	8	43	29	20	843
American Indian or Native Alaskan	2										2						116	10	46	26	18	843
Asian or Pacific Islander	0										0						231	28	43	19	10	851
Hispanic	0										0						186	17	48	23	12	847
Caucasian/White	75	14	19	42	56	18	24	1	1	851	75	19	56	24	1	851	13586	20	52	20	8	850
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	12	0	0	4	33	7	58	1	8	840	12	0	33	58	8	840	2256	2	25	40	34	834
No	65	14	22	39	60	12	18	0	0	852	65	22	60	18	0	852	12225	23	56	17	4	853
<b>Current LEP</b>																						
Yes	0										0						324	5	34	36	26	838
No	77	14	18	43	56	19	25	1	1	850	77	18	56	25	1	850	14157	20	52	20	8	850
<b>Economically disadvantaged</b>																						
Yes	39	4	10	20	51	14	36	1	3	848	39	10	51	36	3	848	5277	10	46	29	15	844
No	38	10	26	23	61	5	13	0	0	853	38	26	61	13	0	853	9204	26	54	16	5	853
<b>Migrant</b>																						
Yes	1										1						5	0	40	60	0	841
No	76	14	18	42	55	19	25	1	1	850	76	18	55	25	1	850	14476	20	51	21	8	850
<b>Gender</b>																						
Female	43	10	23	23	53	9	21	1	2	853	43	23	53	21	2	853	7074	25	51	18	6	852
Male	34	4	12	20	59	10	29	0	0	847	34	12	59	29	0	847	7407	14	51	23	11	847
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						857	9	43	35	14	843
No	77	14	18	43	56	19	25	1	1	850	77	18	56	25	1	850	13624	20	52	20	8	850
<b>Gifted/talented program</b>																						
Yes	5	5	100	0	0	0	0	0	0	873	5	100	0	0	0	873	700	69	30	1	0	867
No	72	9	13	43	60	19	26	1	1	849	72	13	60	26	1	849	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 8

SAU: MSAD 53

School: Warsaw Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	8	1	17	3	50	2	33	0	0	845	8	17	50	33	0	845	8	8	39	29	24	841
B. less than one hour	54	5	12	25	61	11	27	0	0	849	54	12	61	27	0	849	51	17	53	22	8	849
C. one to two hours	34	8	31	12	46	5	19	1	4	854	34	31	46	19	4	854	36	24	52	18	5	852
D. more than two hours	4	0	0	2	67	1	33	0	0	849	4	0	67	33	0	849	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	34	6	23	16	62	3	12	1	4	854	34	23	62	12	4	854	31	35	50	11	4	856
B. good	41	6	19	15	48	10	32	0	0	849	41	19	48	32	0	849	47	16	55	21	7	849
C. fair	24	2	11	11	61	5	28	0	0	848	24	11	61	28	0	848	18	5	47	33	15	842
D. poor	1	0	0	0	0	1	100	0	0	834	1	0	0	100	0	834	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	33	9	36	14	56	1	4	1	4	857	33	36	56	4	4	857	32	27	54	14	5	853
B. They match some of what I have learned.	49	4	11	21	57	12	32	0	0	848	49	11	57	32	0	848	52	18	53	22	8	850
C. They match just a little of what I have learned.	13	1	10	4	40	5	50	0	0	846	13	10	40	50	0	846	12	11	45	29	15	844
D. There is no match.	5	0	0	3	75	1	25	0	0	844	5	0	75	25	0	844	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	9	3	43	3	43	1	14	0	0	857	9	43	43	14	0	857	15	13	42	28	17	844
B. about the same as my regular schoolwork	67	7	14	29	57	14	27	1	2	849	67	14	57	27	2	849	64	19	53	20	7	850
C. easier than my regular schoolwork	24	4	22	10	56	4	22	0	0	851	24	22	56	22	0	851	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	4	1	33	2	67	0	0	0	0	859	4	33	67	0	0	859	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	53	2	5	21	54	15	38	1	3	846	53	5	54	38	3	846	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	43	11	34	17	53	4	13	0	0	856	43	34	53	13	0	856	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	36	5	19	13	48	8	30	1	4	849	36	19	48	30	4	849	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	59	9	20	27	60	9	20	0	0	852	59	20	60	20	0	852	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	2	50	2	50	0	0	840	5	0	50	50	0	840	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	28	4	19	13	62	3	14	1	5	853	28	19	62	14	5	853	19	26	53	15	6	853
B. 20 minutes to an hour	39	5	17	15	50	10	33	0	0	849	39	17	50	33	0	849	40	25	52	17	6	852
C. less than 20 minutes	5	2	50	1	25	1	25	0	0	856	5	50	25	25	0	856	15	18	51	21	10	849
D. I rarely read at home.	28	3	14	13	62	5	24	0	0	849	28	14	62	24	0	849	26	7	50	30	13	844
How do you feel about the following statement?																						
"My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	33	6	24	15	60	3	12	1	4	853	33	24	60	12	4	853	42	27	51	15	6	853
B. agree	55	7	17	22	52	13	31	0	0	850	55	17	52	31	0	850	50	15	53	23	9	848
C. disagree	11	1	13	4	50	3	38	0	0	846	11	13	50	38	0	846	7	8	46	32	14	843
D. strongly disagree	1	0	0	1	100	0	0	0	0	848	1	0	100	0	0	848	2	6	39	35	21	840
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	100	0	0	0	0	2	100	0	0	835	100	0	0	100	0	835						

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 53  
School: Warsaw Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	2	2	2	2	1952	13
	2007-2008	4	5	4	5	1657	11
	<b>2008-2009</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>2116</b>	<b>15</b>
	Cum. Total*	9	4	9	4	5725	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	32	37	32	36	5870	38
	2007-2008	27	34	27	34	5956	40
	<b>2008-2009</b>	<b>29</b>	<b>38</b>	<b>29</b>	<b>38</b>	<b>5443</b>	<b>38</b>
	Cum. Total*	88	36	88	36	17269	39
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	27	31	27	31	3982	26
	2007-2008	27	34	27	34	3729	25
	<b>2008-2009</b>	<b>29</b>	<b>38</b>	<b>29</b>	<b>38</b>	<b>3556</b>	<b>25</b>
	Cum. Total*	83	34	83	34	11267	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	25	29	27	31	3534	23
	2007-2008	22	28	22	28	3579	24
	<b>2008-2009</b>	<b>16</b>	<b>21</b>	<b>16</b>	<b>21</b>	<b>3356</b>	<b>23</b>
	Cum. Total*	63	26	65	27	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	26.1	46.6	26.1	46.6	28.6	51.1
<b>A. Number</b>	<b>8</b>	<b>14</b>	2.7	33.8	2.7	33.8	3.7	46.3
<b>B. Data</b>	<b>16</b>	<b>29</b>	8.9	55.6	8.9	55.6	8.9	55.6
<b>C. Geometry</b>	<b>12</b>	<b>21</b>	4.7	39.2	4.7	39.2	5.0	41.7
<b>D. Algebra</b>	<b>20</b>	<b>36</b>	9.9	49.5	9.9	49.5	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 53  
School: Warsaw Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	77	3	4	29	38	29	38	16	21	839	77	4	38	38	21	839	14471	15	38	25	23	843
<b>Ethnicity</b>																						
African American/Black	0										0						367	6	24	26	44	831
American Indian or Native Alaskan	2										2						114	5	31	32	32	836
Asian or Pacific Islander	0										0						233	27	33	20	21	847
Hispanic	0										0						190	8	31	26	34	836
Caucasian/White	75	3	4	29	39	28	37	15	20	839	75	4	39	37	20	839	13567	15	38	25	22	843
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	12	0	0	2	17	2	17	8	67	830	12	0	17	17	67	830	2242	2	12	22	63	824
No	65	3	5	27	42	27	42	8	12	841	65	5	42	42	12	841	12229	17	42	25	16	846
<b>Current LEP</b>																						
Yes	0										0						336	6	18	26	51	829
No	77	3	4	29	38	29	38	16	21	839	77	4	38	38	21	839	14135	15	38	25	23	843
<b>Economically disadvantaged</b>																						
Yes	39	0	0	13	33	13	33	13	33	835	39	0	33	33	33	835	5270	6	30	28	36	835
No	38	3	8	16	42	16	42	3	8	843	38	8	42	42	8	843	9201	20	42	22	16	847
<b>Migrant</b>																						
Yes	1										1						5	0	0	40	60	828
No	76	3	4	29	38	28	37	16	21	839	76	4	38	37	21	839	14466	15	38	25	23	843
<b>Gender</b>																						
Female	43	1	2	20	47	15	35	7	16	841	43	2	47	35	16	841	7070	15	39	25	22	843
Male	34	2	6	9	26	14	41	9	26	836	34	6	26	41	26	836	7401	14	36	25	25	842
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						857	5	25	33	37	835
No	77	3	4	29	38	29	38	16	21	839	77	4	38	38	21	839	13614	15	38	24	22	843
<b>Gifted/talented program</b>																						
Yes	5	1	20	4	80	0	0	0	0	858	5	20	80	0	0	858	700	68	27	3	1	866
No	72	2	3	25	35	29	40	16	22	838	72	3	35	40	22	838	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 8

SAU: MSAD 53

School: Warsaw Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	8	1	17	0	0	2	33	3	50	828	8	17	0	33	50	828	8	8	24	24	44	833
B. less than one hour	54	1	2	14	34	17	41	9	22	838	54	2	34	41	22	838	51	12	38	26	23	842
C. one to two hours	34	1	4	13	50	9	35	3	12	844	34	4	50	35	12	844	36	19	40	23	19	845
D. more than two hours	4	0	0	2	67	1	33	0	0	841	4	0	67	33	0	841	5	19	36	22	23	844
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	20	3	20	6	40	4	27	2	13	846	20	20	40	27	13	846	28	33	41	15	11	852
B. good	47	0	0	18	50	13	36	5	14	841	47	0	50	36	14	841	45	11	43	25	21	842
C. fair	24	0	0	4	22	9	50	5	28	835	24	0	22	50	28	835	21	3	27	35	35	834
D. poor	9	0	0	1	14	3	43	3	43	828	9	0	14	43	43	828	5	2	14	30	54	828
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	17	1	8	6	46	3	23	3	23	841	17	8	46	23	23	841	28	23	41	21	15	848
B. They match some of what I have learned.	68	2	4	21	40	20	38	9	17	840	68	4	40	38	17	840	52	13	40	25	21	843
C. They match just a little of what I have learned.	9	0	0	2	29	5	71	0	0	840	9	0	29	71	0	840	16	8	28	30	34	836
D. There is no match.	5	0	0	0	0	1	25	3	75	819	5	0	0	25	75	819	4	5	15	22	58	826
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	42	1	3	15	47	11	34	5	16	841	42	3	47	34	16	841	32	6	34	29	32	837
B. about the same as my regular schoolwork	51	2	5	12	31	16	41	9	23	838	51	5	31	41	23	838	52	13	41	25	20	843
C. easier than my regular schoolwork	7	0	0	2	40	2	40	1	20	838	7	0	40	40	20	838	16	39	35	13	13	853
<b>How hard did you try on the mathematics part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	53	3	8	15	38	14	35	8	20	840	53	8	38	35	20	840	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	42	0	0	14	44	13	41	5	16	840	42	0	44	41	16	840	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	0	0	2	50	2	50	827	5	0	0	50	50	827	7	12	27	27	35	837
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	5	0	0	1	25	1	25	2	50	831	5	0	25	25	50	831	34	18	40	22	20	845
B. two or three days a week	11	1	13	3	38	2	25	2	25	841	11	13	38	25	25	841	35	14	38	26	21	843
C. two or three times each month	30	0	0	9	39	8	35	6	26	837	30	0	39	35	26	837	18	12	37	27	24	841
D. never or almost never	54	2	5	16	39	18	44	5	12	841	54	5	39	44	12	841	13	9	32	25	34	837
<b>How often do you use laptops in mathematics class?</b>																						
A. almost every day	3	0	0	1	50	0	0	1	50	833	3	0	50	0	50	833	9	13	38	23	26	841
B. two or three days a week	4	0	0	1	33	2	67	0	0	843	4	0	33	67	0	843	17	11	37	26	26	841
C. two or three times each month	25	0	0	7	37	11	58	1	5	841	25	0	37	58	5	841	28	15	40	25	20	844
D. never or almost never	68	3	6	20	39	16	31	12	24	839	68	6	39	31	24	839	46	16	36	24	23	843
<b>How do you feel about the following statement?</b>																						
<b>"My knowledge of mathematics will be useful to me as an adult."</b>																						
A. strongly agree	41	1	3	14	45	14	45	2	6	842	41	3	45	45	6	842	52	19	41	22	18	846
B. agree	44	1	3	13	39	11	33	8	24	839	44	3	39	33	24	839	39	11	35	27	27	840
C. disagree	11	0	0	2	25	4	50	2	25	834	11	0	25	50	25	834	6	7	28	26	39	835
D. strongly disagree	4	1	33	0	0	0	0	2	67	835	4	33	0	0	67	835	3	4	25	28	43	832
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	100	0	0	0	0	0	0	2	100	814	100	0	0	0	100	814						

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 53  
School: Warsaw Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	9	12	9	12	2155	15
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	36	47	36	47	6687	47
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	21	27	21	27	3672	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	11	14	11	14	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	56	100	30.9	55.2	30.9	55.2	32.0	57.1
<b>D. The Physical Setting</b>	31	55	16.2	52.3	16.2	52.3	17.1	55.2
<b>D1/D2 Earth/Space</b>	17	30	9.4	55.3	9.4	55.3	9.4	55.3
<b>D3/D4 Matter and Energy/Force and Motion</b>	14	25	6.8	48.6	6.8	48.6	7.7	55.0
<b>E. The Living Environment</b>	25	45	14.8	59.2	14.8	59.2	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 53  
School: Warsaw Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	77	9	12	36	47	21	27	11	14	844	77	12	47	27	14	844	14263	15	47	26	12	846
<b>Ethnicity</b>																						
African American/Black	0										0						360	4	31	35	30	835
American Indian or Native Alaskan	2										2						114	8	39	31	22	839
Asian or Pacific Islander	0										0						230	20	44	23	13	848
Hispanic	0										0						184	9	45	29	16	842
Caucasian/White	75	9	12	36	48	19	25	11	15	844	75	12	48	25	15	844	13375	15	47	25	12	846
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	12	1	8	2	17	5	42	4	33	836	12	8	17	42	33	836	2221	3	22	36	38	832
No	65	8	12	34	52	16	25	7	11	846	65	12	52	25	11	846	12042	17	51	24	7	848
<b>Current LEP</b>																						
Yes	0										0						331	4	20	39	37	832
No	77	9	12	36	47	21	27	11	14	844	77	12	47	27	14	844	13932	15	48	25	12	846
<b>Economically disadvantaged</b>																						
Yes	39	3	8	15	38	13	33	8	21	840	39	8	38	33	21	840	5184	6	40	33	21	840
No	38	6	16	21	55	8	21	3	8	848	38	16	55	21	8	848	9079	20	51	21	8	849
<b>Migrant</b>																						
Yes	1										1						5	0	0	80	20	829
No	76	9	12	36	47	20	26	11	14	844	76	12	47	26	14	844	14258	15	47	26	12	846
<b>Gender</b>																						
Female	43	4	9	24	56	10	23	5	12	845	43	9	56	23	12	845	6953	14	47	28	11	846
Male	34	5	15	12	35	11	32	6	18	843	34	15	35	32	18	843	7310	16	46	24	13	846
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						828	5	35	40	20	839
No	77	9	12	36	47	21	27	11	14	844	77	12	47	27	14	844	13435	16	48	25	12	846
<b>Gifted/talented program</b>																						
Yes	5	3	60	2	40	0	0	0	0	860	5	60	40	0	0	860	699	65	34	2	0	865
No	72	6	8	34	47	21	29	11	15	843	72	8	47	29	15	843	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 8

SAU: MSAD 53

School: Warsaw Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	8	1	17	1	17	2	33	2	33	842	8	17	17	33	33	842	8	8	34	28	30	837
B. less than one hour	54	3	7	20	49	13	32	5	12	843	54	7	49	32	12	843	51	14	48	27	11	846
C. one to two hours	34	5	19	14	54	4	15	3	12	848	34	19	54	15	12	848	36	19	48	24	9	848
D. more than two hours	4	0	0	1	33	2	67	0	0	844	4	0	33	67	0	844	5	17	49	20	14	847
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	25	3	16	10	53	5	26	1	5	847	25	16	53	26	5	847	23	27	47	17	8	851
B. good	59	5	11	23	51	11	24	6	13	845	59	11	51	24	13	845	53	15	50	26	10	847
C. fair	12	1	11	2	22	4	44	2	22	839	12	11	22	44	22	839	20	4	43	35	18	840
D. poor	4	0	0	1	33	1	33	1	33	834	4	0	33	33	33	834	4	4	27	34	35	834
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	20	0	0	9	60	2	13	4	27	845	20	0	60	13	27	845	26	20	49	23	9	849
B. They match some of what I have learned.	61	7	15	23	50	12	26	4	9	846	61	15	50	26	9	846	51	14	48	26	11	846
C. They match just a little of what I have learned.	17	2	15	4	31	5	38	2	15	842	17	15	31	38	15	842	18	13	44	28	15	844
D. There is no match.	3	0	0	0	0	2	100	0	0	835	3	0	0	100	0	835	4	5	33	30	32	836
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	34	7	27	9	35	7	27	3	12	846	34	27	35	27	12	846	32	13	45	28	14	844
B. about the same as my regular schoolwork	59	1	2	25	56	12	27	7	16	843	59	2	56	27	16	843	56	15	49	25	11	847
C. easier than my regular schoolwork	7	1	20	2	40	2	40	0	0	850	7	20	40	40	0	850	11	21	43	22	13	847
<b>How hard did you try on the science part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	42	5	16	12	38	9	28	6	19	845	42	16	38	28	19	845	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	55	4	10	24	57	11	26	3	7	845	55	10	57	26	7	845	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	0	0	1	50	1	50	830	3	0	0	50	50	830	6	8	36	29	26	839
<b>Which courses do you plan to take before you graduate from high school?</b>																						
A. earth and space science and/or biology	32	3	13	9	38	8	33	4	17	843	32	13	38	33	17	843	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	20	2	13	10	67	3	20	0	0	850	20	13	67	20	0	850	23	17	49	22	12	847
C. the course(s) described in B, plus physics	11	1	13	5	63	0	0	2	25	845	11	13	63	0	25	845	21	31	44	17	7	852
D. a life science and physical science class	37	3	11	11	39	10	36	4	14	843	37	11	39	36	14	843	30	7	46	32	14	842
<b>How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."</b>																						
A. strongly agree	18	5	36	6	43	3	21	0	0	853	18	36	43	21	0	853	27	23	47	20	10	849
B. agree	42	3	9	19	59	6	19	4	13	846	42	9	59	19	13	846	37	14	47	27	12	846
C. disagree	28	1	5	7	33	9	43	4	19	840	28	5	33	43	19	840	25	11	48	29	12	845
D. strongly disagree	12	0	0	4	44	3	33	2	22	839	12	0	44	33	22	839	11	9	44	31	17	842
<b>How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."</b>																						
A. strongly agree	27	5	25	8	40	5	25	2	10	848	27	25	40	25	10	848	31	22	46	22	10	849
B. agree	59	2	5	24	55	12	27	6	14	843	59	5	55	27	14	843	50	14	49	26	11	846
C. disagree	12	2	22	3	33	3	33	1	11	847	12	22	33	33	11	847	14	9	45	31	15	843
D. strongly disagree	3	0	0	0	0	1	50	1	50	832	3	0	0	50	50	832	5	3	38	34	25	837
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	100	0	0	0	0	0	0	2	100	822	100	0	0	0	100	822						

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number